

Safety Data Sheet

according to 91/155/EEC

1. Product identification/preparation/company undertaking

Trade name: Vertex™ SoftSil 25 varnish
Manufacturer/supplier: Vertex-Dental B.V.
P.O. Box 10
3700 AA Zeist
The Netherlands
Fax + 31 30 6955188
E-mail: info@vertex-dental.com
Emergency information: + 31 30 6976740

2. Composition/Information of Ingredients

Chemical characterization: Mixture of polydimethyl polymethylvinyl-siloxane, polydimethylpolymethylhydrogen siloxane, silica

Description: Varnish for relining materials consisting of Vertex™ SoftSil 25 varnish base and Vertex™ SoftSil 25 varnish catalyst

Hazardous components: none

<u>CAS-Nr.:</u>	<u>Name</u>	<u>%</u>	<u>R-classification</u>
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3. Hazards identification

Risk identification: n.a.
Special risks for human beings and environment: n.a.
Classification: classification corresponds to actual EEC guidelines

4. First-aid measures

General information

after skin contact: wash with plenty of water and soap
after eye contact: rinse with plenty of water and consult a physician
after swallowing: seek medical advice immediately

5. Fire fighting measures

Extinguishing media: CO₂, water
Protective equipment: standard

6. Accidental release measures

Personal precautions: n.a.
Environmental precautions: n.a.
Methods for cleaning up: wipe out with absorbent material
Additional information: none

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7. Handling and storage

Requirements at storerooms and containers:	store at dry place; keep away from food stuffs
Requirements for storage with other products:	avoid contact with acids, bases and alcohols
Additional storage conditions:	none
Storage classification:	n.a.
VBF-classification:	n.a.

8. Exposure controls/personal protection

Additional information for technical plants:	n.a.
Components with limits of values to be supervised at the workplace:	
The product contains no relevant quantities of components with limits of values to be supervised at the workplace.	
Additional information:	n.a.
Personal protective equipment:	n.a.
General measures of protection and hygiene:	normal hygienic measures
respiration:	n.a.
hands:	n.a.
eyes:	n.a.

9. Physical and chemical properties

<u>Appearance</u>	
Form:	low viscous liquid
Colour:	transparent
Odour:	odourless
<u>Information on change in the physical state</u>	
Melting point/melting range:	n.a.
Boiling point/boiling range:	n.a.
Flash point:	n.a.
Autoignition temperature:	n.a.
Danger of explosion:	none
Density:	ca. 1.0 (20°C) g/cm ³
Vapour pressure:	neglectible
Viscosity:	low viscous liquid
pH:	neutral
Solubility in/miscibility with:	slightly soluble in toluene, petrol ether
Water:	insoluble

10. Stability and reactivity

Incompatibility with other substances:	Slight evaluation of hydrogen traces by contact with acids, bases, alcohols, powdered metals and metal oxides.
Hazardous decomposition products:	none

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11. Toxicological information

Acute toxicity:	n.a.
<u>Primary irritation</u>	
skin:	non toxic, no absorption
eye:	irritating
Sensitization of product:	no data known
Additional toxicological information:	During the long period of use as varnish material for silicones no health diseases are reported.

12. Ecological information

General information:	no data known
Classification of water endangerment:	n.a.

13. Disposal consideration

Recommendation:	Use proper landfill disposal or incineration in accordance with local, state and federal regulations.
Disposal key number:	n.a.

14. Transport information

Recommendation:	not classified as dangerous goods. protect it against humidity store it away from food stuffs, acids, and bases
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15. Regulatory information

Classification according to EEC-guidelines:	no classification necessary to actual EEC guidelines
National prescriptions:	n.a.
Classification according to VbF:	n.a.

16. Other information:

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

Preparation by: GM March – version 7